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* * * * * Welcome to STN International * * * * *

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:15:49 ON 20 JAN 2010

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:16:02 ON 20 JAN 2010

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 19 JAN 2010 HIGHEST RN 1202629-39-7

DICTIONARY FILE UPDATES: 19 JAN 2010 HIGHEST RN 1202629-39-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

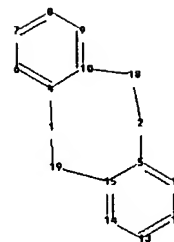
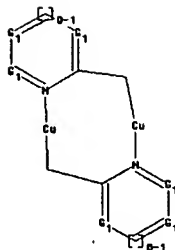
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\Tsuboyama-160c.str



ring nodes :

1 2 4 5 6 7 8 9 10 11 12 13 14 15 18 19

ring bonds :

1-4 1-19 2-5 2-18 4-6 4-10 5-11 5-15 6-7 7-8 8-9 9-10 10-18 11-12 12-13 13-14 14-15 15-19

exact/norm bonds :

1-4 1-19 2-5 2-18 4-6 4-10 5-11 5-15 6-7 7-8 8-9 9-10 10-18 11-12 12-13 13-14 14-15 15-19

G1:C,N

Match level :

1:Atom 2:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 18:Atom 19:Atom

L1 STRUCTURE UPLOADED

=> s L1 sss SAM

SAMPLE SEARCH INITIATED 11:16:30 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5357 TO ITERATE

37.3% PROCESSED 2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 102751 TO 111529

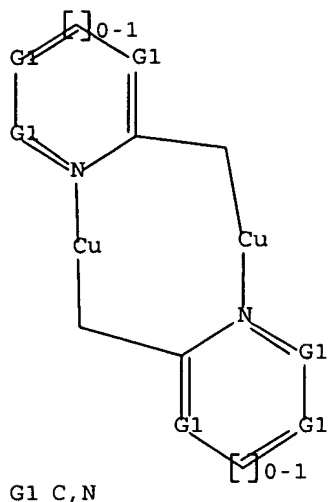
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> d L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss FULL
 FULL SEARCH INITIATED 11:17:07 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 106624 TO ITERATE

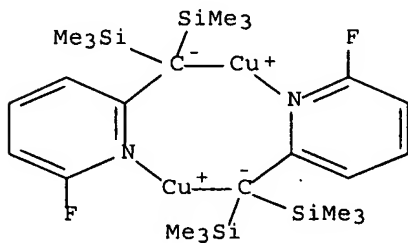
100.0% PROCESSED 106624 ITERATIONS
 SEARCH TIME: 00.00.01

7 ANSWERS

L3 7 SEA SSS FUL L1

=> d scan L3

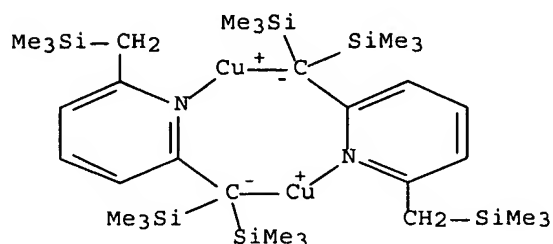
L3 7 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN Copper, bis[μ-[(6-fluoro-2-pyridinyl-κN)bis(trimethylsilyl)methyl-
 κC]]di- (9CI)
 MF C24 H42 Cu2 F2 N2 Si4
 CI CCS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

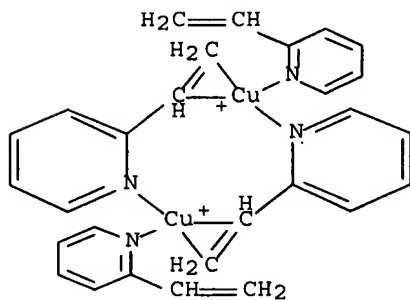
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 7 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN Copper, bis[μ-[bis(trimethylsilyl)[6-[(trimethylsilyl)methyl]-2-pyridinyl-κN]methyl-κC]]di- (9CI)
 MF C32 H64 Cu2 N2 Si6
 CI CCS



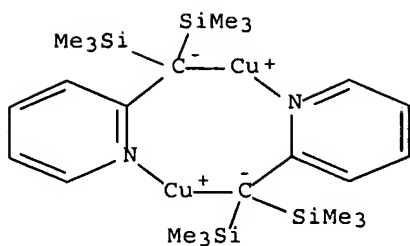
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 7 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN Copper(2+), bis[μ-[2-(η²-ethenyl)pyridine-N]]bis(2-ethenylpyridine)di- (9CI)
 MF C28 H28 Cu2 N4
 CI CCS, COM



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

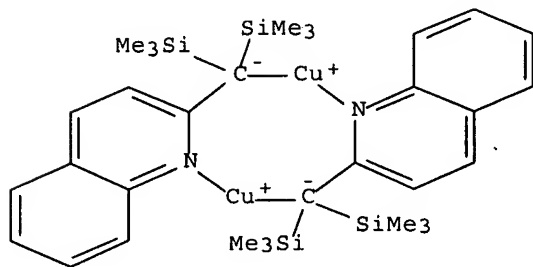
L3 7 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN Copper, bis[μ-[2-(η²-ethenyl)pyridine-N]]bis(2-ethenylpyridine)di- (9CI)
 MF C24 H44 Cu2 N2 Si4
 CI CCS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

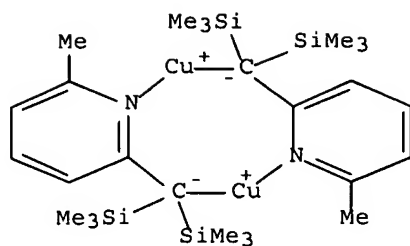
L3 7 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN Copper, bis[μ -[(2-quinolinyl- κ N)bis(trimethylsilyl)methyl- κ C]]di- (9CI)
 MF C32 H48 Cu2 N2 Si4
 CI CCS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 7 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN Copper, bis[μ -[(6-methyl-2-pyridinyl- κ N)bis(trimethylsilyl)methyl- κ C]]di- (9CI)
 MF C26 H48 Cu2 N2 Si4
 CI CCS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil ZCAPlus

FILE 'ZCAPLUS' ENTERED AT 11:17:57 ON 20 JAN 2010
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FILE COVERS 1907 - 20 Jan 2010 VOL 152 ISS 4
 FILE LAST UPDATED: 19 Jan 2010 (20100119/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2009
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2009

ZCaplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

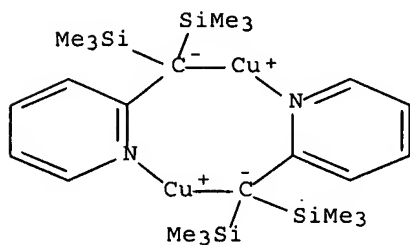
=> s L3

L4 7 L3

=> d L4 ti au so pi hitstr 1-7

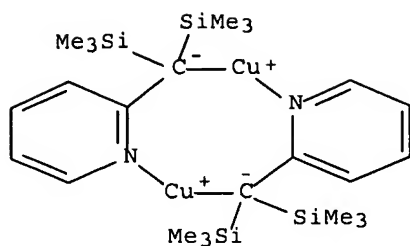
L4 ANSWER 1 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Evaluation of a Novel Cu(I) Precursor for Chemical Vapor Deposition
 AU Ye, D.-X.; Carrow, B.; Pimanpang, S.; Bakhru, H.; Ten Eyck, G. A.; Wang, G.-C.; Lu, T.-M.

SO Electrochemical and Solid-State Letters (2005), 8(7), C85-C88
 CODEN: ESLEF6; ISSN: 1099-0062
 IT 89377-33-3
 RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PRP (Properties); PROC (Process)
 (evaluation as precursor for CVD of copper tin films)
 RN 89377-33-3 ZCAPLUS
 CN Copper, bis[μ-[(2-pyridinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) (CA INDEX NAME)



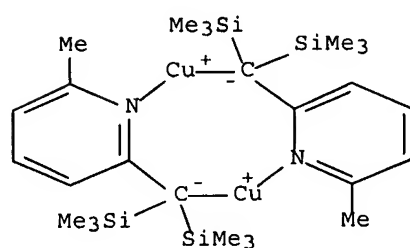
L4 ANSWER 2 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Luminescent devices using multinuclear copper coordination compounds
 IN Tsuboyama, Akira; Kamatani, Jun; Furugori, Manabu; Okada, Shinjiro; Takiguchi, Takao
 SO PCT Int. Appl., 71 pp.
 CODEN: PIXXD2

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-----------------|----------|
| WO 2005054404 | A1 | 20050616 | WO 2004-JP17331 | 20041116 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NQ, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| JP 2005190987 | A | 20050714 | JP 2004-298501 | 20041013 |
| JP 4328702 | B2 | 20090909 | | |
| US 20070072001 | A1 | 20070329 | US 2006-577160 | 20060426 |
| IT 89377-33-3P | 392334-05-3P | 853994-25-9P | | |
| 853994-26-0P | | | | |
| RL: DEV (Device component use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses) (luminescent devices using multinuclear copper coordination compds.) | | | | |
| RN 89377-33-3 | ZCAPLUS | | | |
| CN Copper, bis[μ-[(2-pyridinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) | (CA INDEX NAME) | | | |



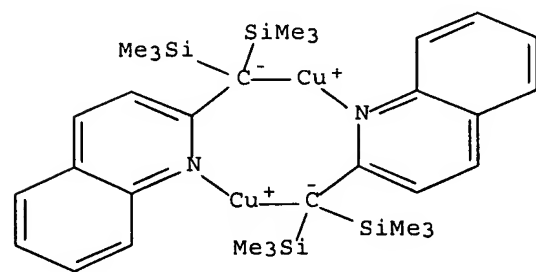
RN 392334-05-3 ZCAPLUS

CN Copper, bis[μ-[(6-methyl-2-pyridinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) (CA INDEX NAME)



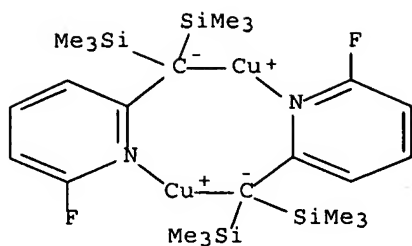
RN 853994-25-9 ZCAPLUS

CN Copper, bis[μ-[(2-quinolinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) (CA INDEX NAME)

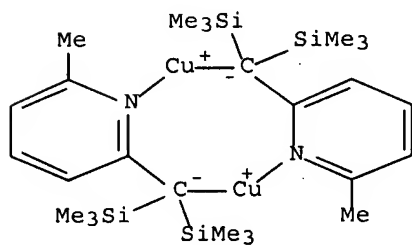


RN 853994-26-0 ZCAPLUS

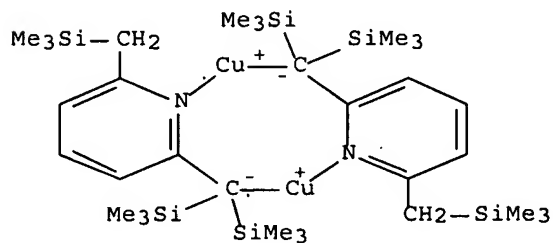
CN Copper, bis[μ-[(6-fluoro-2-pyridinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Syntheses and crystal structures of binuclear gold(I), silver(I) and copper(I) complexes containing bulky pyridyl functionalized alkyl ligands
 AU van den Ancker; Tania R.; Bhargava, Suresh K.; Mohr, Fabian; Papadopoulos, Stavroula; Raston, Colin L.; Skelton, Brian W.; White, Allan H.
 SO Journal of the Chemical Society, Dalton Transactions (2001), (20), 3069-3072
 CODEN: JCSDDA; ISSN: 1472-7773
 IT 392334-05-3P 392334-07-5P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation and crystal structure of)
 RN 392334-05-3 ZCAPLUS
 CN Copper, bis[μ-[(6-methyl-2-pyridinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) (CA INDEX NAME)

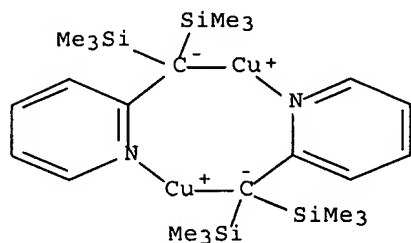


RN 392334-07-5 ZCAPLUS
 CN Copper, bis[μ-[bis(trimethylsilyl)[6-[(trimethylsilyl)methyl]-2-pyridinyl-κN]methyl-κC]]di- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Photophysics and photochemical reactivities of organocopper(I) complexes.

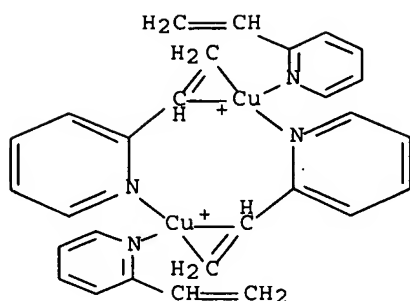
Crystal structure of $[\text{Cu}_2(\text{PPh}_2\text{Me})_4(\mu, \eta^1\text{-C.tplbond.CPh})_2]$
 AU Yam, Vivian Wing-Wah; Lee, Wai-Kit; Cheung, Kung Kai; Lee, Hung-Kay;
 Leung, Wing-Por
 SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry
 (1996), (13), 2889-2891
 CODEN: JCDBTBI; ISSN: 0300-9246
 IT 89377-33-3
 RL: PRP (Properties)
 (photophysics and photochem. reactivities of organocopper(I) complexes)
 RN 89377-33-3 ZCAPLUS
 CN Copper, bis[μ -[(2-pyridinyl- κN)bis(trimethylsilyl)methyl- κC]]di- (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Structure and proton NMR spectrum of a binuclear copper(I) complex with
 non-bridging and bridging 2-vinylpyridine ligands (vpy),
 $[\text{Cu}_2(\mu\text{-vpy})_2(\text{vpy})_2](\text{ClO}_4)_2$
 AU Munakata, Megumu; Kitagawa, Susumu; Simono, Hisao; Emori, Tsunehiko;
 Masuda, Hideki
 SO Journal of the Chemical Society, Chemical Communications (1987), (23),
 1798-9
 CODEN: JCCCAT; ISSN: 0022-4936
 IT 117412-02-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, proton NMR, and crystal structure of)
 RN 117412-02-9 ZCAPLUS
 CN Copper(2+), bis[μ -[2-(η^2 -ethenyl)pyridine-N]]bis(2-ethenylpyridine)di-, diperchlorate (9CI) (CA INDEX NAME)

CM 1

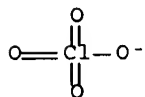
CRN 127618-18-2
 CMF C28 H28 Cu2 N4
 CCI CCS



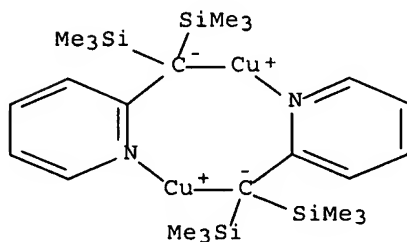
CM 2

CRN 14797-73-0

CMF Cl O4



L4 ANSWER 6 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Syntheses and crystal structures of complexes [M₂R₂], [M = copper, silver, or gold; R = 2-C(SiMe₃)₂C₅H₄N] and [Cu₄R'₄] [R' = 2-CH(SiMe₃)C₅H₄N]; electrochemical generation of [Cu₂R₂]²⁺
 AU Papasergio, Rocco I.; Raston, Colin L.; White, Allan H.
 SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry (1972-1999) (1987), (12), 3085-91
 CODEN: JCDTBI; ISSN: 0300-9246
 IT 89377-33-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, crystal structure, and electrochem. of)
 RN 89377-33-3 ZCAPLUS
 CN Copper, bis[μ-[(2-pyridinyl-κN)bis(trimethylsilyl)methyl-κC]]di- (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 7 ZCAPLUS COPYRIGHT 2010 ACS on STN
 TI Synthesis of pyridine-functionalized, sterically hindered lithium and

copper(I) alkyls. Crystal structures of $[[2-(\text{Me}_3\text{Si})_2\text{C}(\text{M})\text{C}_5\text{H}_4\text{N}]_2]$ (M = lithium or copper), dimeric compounds free of multicenter bonding

AU Papasergio, Rocco I.; Raston, Colin L.; White, Allan H.

SO Journal of the Chemical Society, Chemical Communications (1983), (23), 1419-20

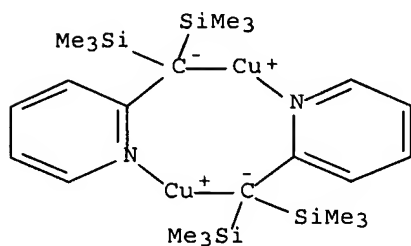
CODEN: JCCCAT; ISSN: 0022-4936

IT 89377-33-3P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation and crystal and mol. structure of)

RN 89377-33-3 ZCAPLUS

CN Copper, bis[μ -[(2-pyridinyl- κN)bis(trimethylsilyl)methyl- κC]]di- (9CI) (CA INDEX NAME)



=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

STN INTERNATIONAL LOGOFF AT 11:22:54 ON 20 JAN 2010